

Problems in surveying...

S/132/60/000/012/003/004  
A05<sup>4</sup>/A130

have previously been dismissed as being uninteresting, and because of the necessity of plotting a detailed geological map for this industrial district, a geophysical survey has been re-started in this area. The combined gravimetric and magnetometric surveys are made for the same profile intersecting the total area surface in a cross-wise direction to the main strike of the pre-cambric folding. In plotting the map the section of the vertical component was taken for 100 gamma in the weak fields, while in zones of strong anomalies it was taken for 1,000 - 10,000 gamma. The surveys of gravitational anomalies in the Dolgopolyansk, and the magnetic anomalies in the Saltykovsk-Aleksandrovsk areas (having a maximum of 100 - 130,000 gamma) revealed the presence of various ore deposits. In the core of the Dolgopolyansk structure ferrous quartzite is found, which, in some places, in the upper parts is completely transformed into rich ores. The same phenomenon can be observed in the analogous geophysical character of the Luchkovsk syncline, in the Belgorodsk area, where the ferrous quartzites are completely transformed into rich ores, attaining a vertical thickness of 100 - 200 m. The synclinal structure of the Dolgopolyansk geological area is also confirmed by recent borings (Fig. 1). In the profile III-III of the geological survey represented in Figure 1, in the zone with a relative minimum of anomaly, amphibolites and, in their surrounding, gneiss were found. In the western part of the syncline (profile II-II), zone of maximum, besides the ores mentioned, barren quartzites were found which were similar to those

Card 2/5

S/132/60/000/012/003/004  
A054/A130

Problems in surveying...

surrounding the ferrous quartzites in the Lebedinsk deposit (profile I-I). Weak magnetic anomalies (1,000 - 1,500 gamma) were registered in the northern part of the Starooskol'sk area, between Timsk and Yastrebovsk with bands of ferrous quartzites. Tests revealed, that crystalline slate and migmatized gneiss are present, containing ferrous quartzites. The gravimetric and magnetometric surveys, in general, show that rich iron ores are deposited in synclinal foldings and, in view of the general geological structure of the Kursk area, the whole territory should be covered thoroughly by geological survey which will most probably result in the discovery of further iron deposits. There are 2 figures.

ASSOCIATION: Kurskaya geofizicheskaya ekspeditsiya (Kursk Geophysical Expedition)

✓

Card 3/5

PAVLOVSKIY, V.I.; SEREBRYAKOV, Ye.B.

Nomogram for determining the shape, dimensions, and excessive density of two-dimensional bodies of rectangular cross section based on a  $U_{xz}$  curve. Geofiz. razved. no.6:12-13 '61.

(MIRA 15:4)

(Gravity prospecting)

PAVLOVSKIY, V.I.; SEREBRYAKOV, Ye.B.

Nomogram for the determination of the form, dimensions, and excess density of two-dimensional bodies of rectangular cross sections according to  $V_{zz}$  curves. Geofiz.razved. no.7:53-56 '62.  
(MIRA 15:7)

(Gravity prospecting)

PAVLOVSKIY, V.I.

Correlation of the scales, accuracy of the observations, and  
density of the net in gravity surveys. Geofiz. razved. no.8:46-51  
'62. (MIRA 15:7)

(Gravity prospecting)

PAVLOVSKIY, V.I.; ZHAVORONKIN, I.A.

Connection between anomalies with weak intensity and high-grade  
iron ores of the Kursk Magnetic Anomaly. Geofiz. razved. no.9:  
45-51 '62. (MIRA 15:9)

(Kursk Magnetic Anomaly--Iron ores)  
(Gravity prospecting)  
(Magnetic prospecting)

PAVLOVSKIY, V.I.

Processing the results of determining the physical  
properties of rocks. Razved. i okhr. nedr 28 no.10:57-61  
0 '62. (MIRA 15:11)

1. Kurskaya geofizicheskaya ekspeditsiya.  
(Rocks--Testing)

OSTROUSHKO, I.A.; PAVLOVSKIY, V.I.; OSTROUSHKO, R.I.

Using shot when drilling for oil, gas, or coal. Neft. khoz.  
40 no.4:20-26 Ap '62. (MIRA 15:5)  
(Boring)

S/035/62/ccc/ccc/042/052  
A001/A101

AUTHORS: Zhavoronkin, I. A., Pavlovskiy, V. I.

TITLE: On adjustment of variometric and gravimetric surveys

PERIODICAL: Referativnyj zhurnal, Astronomiya i Geodesiya, no. 2, 1960, 57,  
abstract 20134 (V sb. "Razved. i promysl. geofiz.", no. 41, Moskva,  
1961, 84 - 93)

TEXT: On the basis of observational data in the Kursk Magnetic Anomaly  
region, the authors investigated the problem on the joint utilization and adjust-  
ment of measurements performed with variometers and gravimeters under different  
conditions of topography relief and the character of occurrence of anomalous  
masses. They provide recommendations for the favorable arrangement of observa-  
tion stations for variometers and gravimeters. The methods are indicated how to  
take into account the effect of vertical gravity gradients. There are 7 ref-  
ferences. ✓

P. Shokin

[Abstracter's note: Complete translation]

Card 1/1

PAVLOVSKIY, V.I.; SEREBRYAKOV, Ye.B.

Nature of the gravity field over the vertical stage in the smooth  
variation of density in a transition zone. Razved. geofiz.  
(MIRA 18:9)  
no.5:47-55 '65.

PAVLOVSKIY, V. I.; SPPERBYAKOV, Ye.P.

Nomogram for the determination of the occurrence of vertical  
stage elements according to  $V_{xz}$  curves with smooth density  
variation in the contact zone. Razved. geofiz. no. 3(7). 77  
'65. (MFA 12.8)

PAVLOVSKIY, V.I.; SEREBRYAKOV, Ye.B.

Nomogram for determining the elements of sloping strata of finite depth  
with axial magnetization along the  $Z_a$  curves. Razved. geofiz. no.1:49-  
(MIRA 18:7)  
55 '64.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2

LYUBIMOV, A.A.; PAVLOVSKIY, V.I.

Integration of the horizontal H-component of the intensity of a magnetic  
field using the analytic method. Razved. geofiz. no.2992-93 '64.  
(MIRA 18:5)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2"

AFANAS'YEV, N.S.; ZHEBROVSKAYA, T.F.; PAVLOVSKIY, V.I.

Studying ultrasonic propagation velocity in rocks. Biul. nauch.-tekhn. inform. VIMS no.1:45-51 '63. (MFA 18:2)

I. Kursk va geofizicheskaya ekspeditsiya.

LEVIN, L.E.; PAVLOVSKIY, V.I.

New data on the tectonics of the Ryazan-Saratov Trough and prospects for finding oil and gas in it. Neftegaz.geol.i geofiz. no. 9:24-29 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologicheskogo komiteta SSSR.

ACCESSION NR: AR4015489

8/0169/63/000/012/G005/G005

SOURCE: RZh. Geofizika, Abs. 12G40

AUTHOR: Afanas'yev, N. S.; Zhebrovskaya, T. F.; Pavlovskiy, V. I.

TITLE: Study of the propagation of ultrasound in rocks

CITED SOURCE: Byul. nauchno-tekhn. inform. Gos. geol. kom-t SSSR. Otd. nauchno-tekhn. inform. VIMSa, no. 1 (45), 1963, 45-51

TOPIC TAGS: ultrasound in rocks, propagation of ultrasound, rock samples, seismoscope, elastic properties of rock, vibrations in rock, velocity of sound

TRANSLATION: A determination of the elastic properties of rock taken from sedimentary layers in the KMA [Kursk Magnetic Anomaly] is made. The measurements were made on the UZS-2 seismoscope. Samples were 6-8 cm. The velocity of ultrasound was measured along the layering of the samples and sometimes at right angles to the layering. The mean square error in determining the velocity was  $\pm 45$  m/sec. The following conclusions were made: 1) the propagation speed of elastic vibrations in different rock from sedimentary layers of the KMA depends on the depth of occurrence, the age and structural-lithological peculiarities of the region; 2) for

Cont'd 1/2

ACCESSION NR: AR4015489

rocks having the same lithological composition and age an increase in velocity with depth of occurrence was noted; 3) the speed of ultrasound in similar rocks with identical depth of occurrence depends on age; 4) a relationship between the speed of ultrasound and density was observed for the rocks which were studied; 5) a different velocity in separate parts of similar rocks does not permit extending the obtained data from one part to another of the rock; 6) a difference in speed values was noted which is obviously connected with the degree of compaction.

DATE ACQ: 09Jan64

SUB CODE: AS, PH

ENCL: 00

Card 2/2

PAVLOVSKIY, V.I.

New data on the geophysical study of the Kursk Magnetic Anomaly.  
Mat.po geol.i pol.iskop.tsentr.raion.evrop.chasti SSSR no.5:13-20  
'62. (MIRA 16:6)  
(Kursk Magnetic Anomaly---Prospecting---Geophysical methods)

YEVSTROPYEV, K. K.; PAVLOVSKIY, V. K.

"Diffusion as a new method of studying glass structure."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad,  
16-21 Mar 64.

PAVLOVSKIY, V N

The problem in connection with the refining of Ishim-  
basov crude oil. V. N. Pavlovskiy and I. D. Mekmangashli.  
*Neftegaz. Khim.* 1959, No. 9, 44-7.—A discussion of vari-  
ous refining methods. Difficulties were experienced in  
view of the high content of thiocyanate. A. A. N.

ASD-SEA METALLURGICAL LITERATURE CLASSIFICATION

12

PAVLOVSKIY, V.I.; OSTROUSHKO, R.I.

Improved procedure for the manufacture of cast steel shot for  
drilling. Lit.proizv. no.7:3-4 J1 '62. (MIRA 16:2)  
(Founding) (Shot)

L 3695-66 EWF(e)/EWT(m) WH

ACC NR: AP6008275

(A)

SOURCE CODE: UR/0080/66/039/002/0452/0453

AUTHOR: Yevstrop'yev, K. K.; Pavlova, G. A.; Pavlovskiy, V. K.

ORG: State Optics Institute im. S. I. Vavilov (Gosudarstvennyy opticheskiy institut)

TITLE: Nature of the conductivity of nonalkaline pyroceramic cordierite systems 64

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 2, 1966, 452-453 53

TOPIC TAGS: electric conductivity, activation energy, magnesium compound, aluminum compound, silicon compound, glass, silicate glass

ABSTRACT: Systems of magnesium-aluminum-silicate glasses containing 0.15% Na<sub>2</sub>O were studied to determine the dependence of electrical conductivity on temperature and to measure the diffusion coefficient of Na in the systems. Comparison of experimental data with the Einstein correlation is given as follows:

$$X_{Na^+} = \frac{D \cdot N \cdot (ze)^2}{akT}$$

where  $X$  and  $D$  are the electrical conductivity and diffusion coefficients of Na<sup>+</sup>;  $N$  is the number of Na<sup>+</sup>;  $z$  is the valence of Na<sup>+</sup>;  $e$  is the charge on the electron;  $k$  is the Boltzmann constant;  $T$  is the temperature; and  $a$  is the correlated ionic factor. Radioactive Na<sup>22</sup> was used as a tracer in the measurement of  $D$  for Na<sup>+</sup>. Electrical conduc-

Card 1/2

L 38695-66

ACC NR: AP6008275

tivity was measured by gold or silver deposition at an electrode. A 2-3 order of magnitude increase in  $X$  was found when the temperature was increased from 300-770°C. Correspondingly, a decrease in the activation energy and a decrease in the volume of the vitreous phase of the glass were noticed. The measured  $X$  compared well with the calculated  $X$  based on the Einstein correlation using the measured  $D$ . From the experimental data,  $X$  due to  $Mg^{++}$  diffusion and electron migration was concluded to be 0. The increase in  $X$  is therefore due to the diffusion of  $Na^+$ . The increase in  $D_{Na}^+$  and subsequently  $X$  is attributed to the conversion of  $MgO$  and  $Al_2O_3$  to the crystalline phase resulting in the decreased bonding of  $Na^+$ . This increases the mobility of  $Na^+$ . Also increasing  $X$  is the decrease in the volume of the glassy phase during crystallization resulting in a relative increase in  $Na_2O$  concentration. Orig. art. has: 1 table.

SUB CODE: 11, 20/ SUBM DATE: 01Feb64/ ORIG REF: 004

Card 2/2 L

I 12883-66 EWP(e)/EWI(m)/EWP(t)/EWP(d) IJP(c) JD/RH

ACC NR: AT6000497

SOURCE CODE: UR/0000/65/000/000/0236/0288

4/6  
B+1**AUTHOR:** Yevstrop'yev, K. K.; Pavlovskiy, V. K.**ORG:** none**TITLE:** Microstructure of germanate glasses containing one and two alkalies**SOURCE:** Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya, Leningrad, Izd-vo Nauka, 1965, 286-288.**TOPIC TAGS:** glass, glass property, electric conductivity, microstructure**ABSTRACT:** The authors investigate the temperature dependences of the electrical conductivity and diffusion of the alkali ions  $\text{Na}^+$  and  $\text{Rb}^+$  in one-alkali and two-alkali germanate glasses of the systems  $\text{Na}_2\text{O}-\text{GeO}_2$ ,  $\text{Rb}_2\text{O}-\text{GeO}_2$ , and  $\text{Na}_2\text{O}-\text{Rb}_2\text{O}-\text{GeO}_2$ . Electrical conductivity is measured in the 150 — 450°C range. The diffusion coefficients of the ions  $\text{Na}^+$  and  $\text{Rb}^+$  are measured in the 300 — 450°C range. An investigation of ion diffusion of the one-alkali Na-germanate glasses and the electrical conductivity of the Rb-germanate glasses confirmed the theoretical concepts concerning the mechanism of electrical conductivity of simple one-alkali glasses. The migration of alkali ions in one-alkali glasses containing alkali ions of

Card 1/2

2

L 12883-66

ACC NR: AT6000497

another type (e.g., diffusion of  $\text{Na}^+$  in glass  $\text{Rb}_2\text{O} \cdot 3\text{GeO}_2$  and vice versa) is accomplished with an appreciably greater dissociation energy than in glasses containing alkali ions of the same type (e.g., self-diffusion of  $\text{Na}^+$  in glass  $\text{Na}_2\text{O} \cdot 3\text{GeO}_2$ ). The theoretical analysis of the temperature dependences of ion diffusion and electrical conductivity showed that the increase in the dissociation energy of each of the ions when another alkali oxide is added to one-alkali glass is explained by the entropy factor. Orig. art. has 3 tables and 1 figure.

SUB CODE: 11 / SUBM DATE: 22May85 / ORIG REF: 008 / OTH REF: 002

20/

Cord 2/2

HW

IVANOV, M.M., prof.; PAVLOVSKIY, V.V., kand. veter. nauk; KIRILLOV,  
L.V., mladshiy nauchnyy sotrudnik; POPOTSENKO, A.S.

Persistence of serologic reactions in cows vaccinated against  
brucellosis. Veterinariia 38 no.7:33-37 Jl '61.

(MIRA 16:8)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh  
preparatov (for Kirillov). 2. Starshiy veterinarnyy vrach  
Upravleniya veterinarii Ministerstva sel'skogo khozyaystva  
Litovskoy SSR.

(Lithuania—Brucellosis in cattle—Preventive  
inoculation)

(Serum diagnosis)

PAVLOVSKIY, V. V., KIRILLOV, L. V., POPOTSENKO, A. S. and IVANOV, M. M.  
~~(Candidate of Veterinary Sciences, Junior Scientific co-worker of GMKI  
State Scientific Control Institute for Veterinary Preparations)~~, Senior  
Veterinary Surgeon, Veterinary Administration of the Ministry of Agriculture  
of the Lithuanian SSR and Professor)

"Concerning the preservation of serological reactions in cows,  
vaccinated against brucellosis"

Veterinariya, Vol. 38, no. 7, July 1961, pp. 33

VOROPAY, A.P.; VYZHEKHOVSKAYA, M.F.; DRUGOV, I.P.; KOMARNITSKIY, Yu.A.;  
MAKSIMENKO, I.I.; PAVLOVSKIY, V.V.; STEPANOV, D.A.;  
CHEREDNICHENKO, Ye.T.; GANKIN, N.B., retsenzent; FATEYEV,  
P.Ya., retsenzent; PESKOV, L.N., red.; DROZDOVA, N.D., tekhn.red.

[Competition for communist labor in railroad transportation]  
Sorevnovanie za kommunisticheskii trud na zheleznodorozhnom  
transporte. Moskva, Transzheldorizdat, 1963. 158 p.

(MIRA 16:9)

(Socialist competition) (Railroads--Employees)

RAZUMOV, Leonid Davydovich; PAVLOVSKIY, V.V., otv. red.; ULANOVSKAYA, N.M., red.; CHURAKOVA, V.A., tekhn. red.

[Protection of municipal telephone lines of intraregional telephone and wire broadcasting networks from electric current leakages of a.c. railroads] Zashchita linii gorodskikh telefonnykh setei, vnutriraionnoi sviazi i provodnogo veshchaniia ot vliianiiia elektricheskikh zheleznykh dorog peremennogo toka. Moskva, Sviaz'izdat, 1963. 75 p. (MIRA 16:10)  
(Telephone lines)  
(Electric railroads--Current supply)

PAVLOVSKIY, V. V.

"Experiment at Using Hexachloran and DDT in the Fight Against Diseases  
of Animals," Moscow, 1952 48 pp.

PAVLOVSKIY, V.V.

Ensuring a marked improvement of veterinary care at state farms.  
Veterinariia 31 no.3:16-24 Mr '54. (MLRA 7:2)

1. Nachal'nik Veterinarnogo upravleniya Glavzhivupra Ministerstva  
sovkhозov SSSR.

PAVLOVSKIY, V.V., kandidat veterinarnykh nauk.

Veterinary service in Denmark. Veterinariia 33 no.3:85-86 Mr '56.  
(MLRA 9:5)

(DENMARK--VETERINARY MEDICINE)

ARKHIPOV, N.M.; PAVLOVSKIY, V.V., kand.vet.nauk

Dry swine plague virus vaccine passed through rabbits. Veterinariia  
35 no.5:84-89 My '58.

(MIRA 12:1)

1. Veterinarnoye upravleniye Ministerstva sel'skogo khozyaystva  
RSFSR (for Arkhipov). 2. Gosudarstvennyy nauchno-kontrol'nyy institut  
veterinarnykh preparatov Ministerstva sel'skogo khozyaystva SSSR (for  
Pavlovskiy).

(Swine plague)

PAVLOVSKIY, V.V., kand.veter. nauk

Taking mucus samples from the genital tract of cattle for vibrio-sis study. Veterinariia 40 no.2:21-23 F '63. (MIRA 17:2)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov.

L 30963-66 EWP(m)/EWT(l)/ETC(m)/EWA(d)/EWA(l) WW

ACC NR: AP6002317

SOURCE CODE: UR/0373/65/000/006/0034/0041

AUTHOR: Pavlovskiy, V. V. (Leningrad)

59  
B

ORG: none

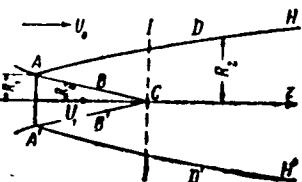
TITLE: Basic zone of axisymmetric turbulent jets of an incompressible liquid flowing from finite-dimension orifices into a codirectional homogeneous stream of the same fluid

SOURCE: AN SSSR. Izvestiya. Mekhanika, no. 6, 1965, 34-41

TOPIC TAGS: turbulent flow, wake flow, incompressible fluid, similarity theory, boundary layer, approximation method

ABSTRACT: An integral method is used to calculate the flow profile in the base region of a liquid jet emanating from a finite orifice into another moving stream of the same liquid (see Fig. 1).

Fig. 1.



Card 1/3

L 30963-66

ACC NR: AP6002317

Using the excess velocity  $U = V_z - U_0$  as the variable, the following momentum balance is written for section AA'

$$2\pi \int_0^{R_1} \rho U^2 R dR + 2\pi U_0 \int_0^{R_1} \rho U R dR = \rho U_1 (U_1 - U_0) \pi R_1^2.$$

Employing nondimensional coordinates, the governing equations for the base region of the jet mixing (using the Prandtl mixing length) are given by

$$\lambda \frac{\partial u}{\partial x} + u \frac{\partial u}{\partial x} + v \frac{\partial u}{\partial r} = -c^2 r_s^3 \left[ \frac{1}{r} \left( \frac{\partial u}{\partial r} \right)^2 + 2 \frac{\partial u}{\partial r} \frac{\partial^2 u}{\partial r^2} \right]$$

$$\frac{\partial u}{\partial x} + \frac{\partial v}{\partial r} + \frac{v}{r} = 0.$$

In the turbulent region the bounding surface is expressed in the form of a series  $r_2 = R_2/R_1 = \alpha x^k + \dots$  and the mean flow quantities are expressed by these series, thus

$$\langle u \rangle = b_1 x^{-n} + b_2 x^{-n} + \dots \quad b_i = b_i(\lambda)$$

$$r_s = \alpha(\lambda) [x^n + \beta(\lambda)x^{-n} + \gamma(\lambda)x^{-1} + \dots].$$

The flow equations and the boundary conditions are then expanded in similar power series, using the stream function as the dependent variable

$$u = \frac{1}{r} \frac{\partial \psi}{\partial r}, \quad v = -\frac{1}{r} \frac{\partial \psi}{\partial x}$$

$$\psi = \psi_1 + \psi_2 x^{-n} + \psi_3 x^{-n} + \dots$$

The expansion is carried up to a third approximation giving rise to the following

Cord 2/3

L 30963-66  
 ACC NR: AP6002317

three equations for  $\psi_1, \psi_2, \psi_3$

$$\begin{aligned} & \frac{1}{2} \lambda \alpha^2 (\Phi_1 \eta^2)' - (\Phi_1' \eta^2)' \\ & \frac{2}{\alpha^3} (\Phi_1' \Phi_2' \eta)' - \frac{\lambda}{3} (\Phi_2' \eta + 2\Phi_3)' = \frac{2}{\alpha^3} \frac{\Phi_1''}{\eta} + \frac{\lambda \beta}{3} (\Phi_1' \eta)' , \\ & (2\Phi_1' \Phi_2' \eta)' - \frac{\lambda \gamma^2}{3} (\Phi_2' \eta + 4\Phi_3)' = \frac{\lambda \gamma^2 \beta}{3} (\Phi_1' \eta)' + 2\lambda \gamma^2 \beta \Phi_3' - \\ & - (\Phi_1'' \eta)' - \frac{2\alpha}{3} (\Phi_1' \eta)' - \frac{\lambda \gamma^2}{3} (\beta^2 + 1) (\Phi_1' \eta)' + \frac{8\alpha}{3} \Phi_3' \Phi_1 - \frac{2\alpha \beta}{3} \Phi_1'' . \end{aligned}$$

where  $\Phi_1 = \psi_1'/\eta$ . Calculating the various expansion coefficients, the following expression is obtained for the velocity profile in the turbulent mixing region

$$\frac{u}{u_0} = [1 - \eta/\eta_p]^3 + \frac{-0.012258 \eta^{1/2} + 0.027884 \eta^3 - 0.018981 \eta^{7/2} + 0.003375 \eta^6}{X^{1/2}} .$$

Orig. art. has: 83 equations and 1 figure.

SUB CODE: 20/ SUBM DATE: 09Feb65/ ORIG REF: 003/ OTH REF: 001

Cord 3/3 CC

PAVLOVSKIY, V.V., kand.veterin.nauk; LEVINA, I.G., nauchnyy sotrudnik;  
TATARINTSEVAYTE, A.I., veterinarnyy vrach

Methods for the diagnosis of vibriosis in animals. Veterinariia  
41 no.8:72-77 Ag '64. (MIRA 184)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh  
preparatov (for Pavlovskiy, levina). 2. Klaypedskaya veterinar-  
naya laboratoriya, Litovskaya SSR (for Tatarintsevayte).

KALUGIN, V.I., dotsent; G.R. M., doc., AMIKOVICH, V.V., kand. veterin. nauk

In memory of Academician Sergei Nikolaevich Vysheslavskii,  
1874-1958. Veterinarija 41 no.1:121-125 Ja '65.

(MIRA 18 2)

L 55027-65 EWT(1)/EWP(m)/EWA(d)/EPR/EWA(1) PD-1/P6-4/P1-4 WW  
ACCESSION NR: AR5008038 UR/0124/65/000/001/B058/B059

SOURCE: Ref. zh. Mekhanika, Abs. 1B363

AUTHOR: Pavlovskiy, V. V.

TITLE: Equations for the motion of a variable mass body in a fluid

CITED SOURCE: Izv. Leningr. elektrotekhn. In-ta, vyp. 53, 1964, 140-151

TOPIC TAGS: variable mass body, viscous fluid, motion equation, translational motion, rotary motion, contact interaction theory

TRANSLATION: The author accepts the "contact interaction" theory, which holds that a body in motion repels particles only from its surface, that its exterior surface is solid, and that the body is ductless. Based on the known equations of translational motion of a solid in a limitless fluid, and assuming the invariability of the surface of the body, the author formulates an equation for the motion of a variable mass body in a viscous fluid:

$$\dot{M}w = \nabla^2 \Phi - M\omega \times r_e - M\omega \times (\omega \times r_e) - \frac{d^2 B}{dt^2} - \omega \times B + R^2 \quad (1)$$

Card 1/2

L 55027-65

ACCESSION NR: AR5008038

Here,  $v^e$  is the principal vector of all external forces,  $\Phi$  is the principal vector of reactive forces,  $B$  is the vector of the associated momentum of the fluid and  $R^*$  is the vector of forces attributable to the presence of viscosity. An equation for the rotary motion of a variable mass body is formulated in the same manner:

$$\frac{dK_e}{dt} = M_0^\Phi + M_0^\Phi + \sum_{k=1}^n r_k' \times \frac{dm_k}{dt} (\omega \times r_k) - r_k' \times M_{k\omega} -$$

$$-\omega \times K_0 - \frac{dI_0}{dt} - \omega \times I_0 - v_e \times B + L^* \quad (2)$$

Here,  $K_0$  is the principal angular momentum of a variable mass body relative to a pole,  $M_{e\omega}$  is the principal moment of external forces,  $M_{\Phi\omega}$  is the principal moment of reactive forces of the repelled particles,  $I_0$  is the associated angular momentum and  $L^*$  is the momentum attributable to forces of viscosity.

N. Ye. Kvantaliani.

SUB CODE: ME

ENCL: OO

X

*Qc*  
Card 2/2

KRAPIVNER, L.M.; AKHMEDOV, A.M., prof.; YEGOROV, I.; IVANOV, M.M., prof.;  
PAVLOVSKIY, V.V., kand.veterin.nauk

Book reviews and bibliography. Veterinariia 41 no.3:112-117 Mr '64,  
(MIRA 18:1)  
1. Smarkandskiy sel'skokhozyaystvennyy institut (for Akhmedov).

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2

PAVLOVSKIY, V.V., inzh.

Emulating the "beacons." Elek. i tepl. tiaga 6 no. 4:1-2 Ap '62.  
(MIRA 15:5)

(Socialist competition) (Locomotive engineers)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2"

KHRAKOVSKIY, Yefim Mikhaylovich. Prinimal uchastiye PAVLOVSKIY,  
V.V., inzh.; KANTER, A.I., red.; RAKITIN, I.T., tekhn.  
red.

[Modern transportation] Sovremenyyi transport. Moskva,  
Izd-vo "Znanie." No.2. 1963. 55 p. (Narodnyi univer-  
sitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no.10)  
(MIRA 17:3)

DRUGOV, I.P.; PAVLOVSKIY, V.V., inzh.

All-Union Day of the Railroadman should be marked by a new  
expansion socialist competition. Zhel.dor.transp. 41 no.7:  
38-42 J1 '59. (MIRA 12:12)

1. Nachal'nik Otdela upravleniya kadrov Ministerstva putey  
soobshcheniya (for Drugov).  
(Railroads--Labor productivity)

PALOMINI, V. J.

Dissertation: -- "Investigation of the Effect of a Liquid Nitrogen Jet (Flow)." Ford Motor Co., Dearborn, Michigan, 1934, 1 v.  
(Referencing Zentral--Verlag, Berlin, Germany)

SO: 5 at 12, 23 Dec. 1934

*P. V. L'vovskiy, V. V.*

## 106(3-4) PHASE I ROCK EXPLOITATION Sov 3/193

Leningrad. Politekhnichesky Institut imeni M.I. Kalinina

Brukh, no. 1081 Tekhnicheskaya 5idromekhanika (Industrial Hydro-Mechanics) Moscow, Maslgl., 1956. 220 p. Errata slip inserted. 1,500 copies printed.

REP. M.I. V.S. Sal'mov, Doctor of Technical Sciences, Professor; M.D. or this book: L.D. Loytynskiy, Doctor of Physical and Mathematical Sciences, Professor; Managing Ed. for Literature on Design and Operation of Machinery (Leningrad Division, Maslgl.); V.I. Patsov, Engineer; Tech. Ed.: N.G. Pol'skiyay.

PURPOSE: This book is intended for engineers working in the field of machine construction.

COVERAGE: This collection of articles contains the results of original work in the field of theoretical and applied hydro-aerodynamics, completed in the aerodynamic laboratory of the Leningrad Polytechnic Institute by members of the department of hydro-aerodynamics and the department of theoretical mechanics. The book is divided into four parts. The first part contains studies of turbulent steam-exhausts. The first article gives the results of a laboratory study on model-experiments on a research stand and the general conclusions drawn therefrom. The second part contains articles on the theory of laminar and turbulent motion of a viscous fluid. The articles treat the hydrodynamic theory of friction in bearings and bearings, boundary layers and jets, the initial part of a pipe in the presence of vortices, and the motion of air under the action of a current conductor. The articles in the third part belong to the field of applied hydrodynamics. One of the articles is a theoretical and experimental study of flow around the parts of a radar antenna. The second article contains the results of aerodynamical analyses of flight net models. The fourth part of the book contains the results of laboratory experiments establishing new methods of aerodynamical measurements for calculating normal forces on the surface of a streamlined body, pressure distributions in nonstationary flows. References accompany individual articles.

Konstantinov, M.I. Experimental Study of a Turbulent Boundary Layer With a Positive Pressure Drop 107

1. The aim of the experimental study  
2. A description of the experimental equipment and the method of experiment 107

3. Results of the experiment and their analysis  
4. Computing a turbulent boundary layer 109  
5. Properties of the normal form-parameter, "law of resistance" in a form analogous to the law of Hazier and William 113

Dobrotol'skiy, V.V. Flow Caused by Turbulent Jets Outside of the Turbulent Region 119

1. Secondary flows caused by turbulent jets 120
2. Inflow to an axis-symmetric turbulent jet discharging in a fixed liquid 122
3. The motion of a liquid or a turbulent jet outside of parallel-plane turbulent jets 124
4. Secondary flows caused by a turbulent axial-symmetric jet flowing out to a homogeneous rectilinear flow of very same liquid 128
5. Experimental study of the inflow of a liquid to turbulent jets 131
6. On the rational form of a longitudinal contour of an ejector mixing chamber 135

139

BUZINIYER, M.I.; VOROPAY, A.P.; DRUGOV, I.P.; YEVDOKIMOV, I.I.; KANTOR,  
V.V.; KOMARNITSKIY, Yu.A.; MAKSIMENKO, I.I.; PAVLOVSKIY, V.V.;  
CHEREDNICHENKO, Ye.T.; FATEYEV, P.Ye., red.; VERINA, G.P..  
tekhn.red.

[Socialist competition in railroad transportation; collected  
articles] Sotsialisticheskoe sorevnovanie na zheleznodorozh-  
nom transporte; sbornik statei. Moskva, Gos.transp.zhel-dor.  
izd-vo, 1959. 222 p.  
(Railroads)

YEVDOKIMOV, I.I.; ALEKSEYEV, V.D.; ASHIKHMINS, A.K.; BAYEV, N.V.; BEGLAR'YAN,  
P.A.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.P.; GURETSKIY,  
S.A.; DEMIDOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZELINSKIY, M.G.;  
ZOL'NIKOV, P.T.; ZOLOTOTOVA, L.I.; KIVIN, A.N.; KOMARHITSKIY, Yu.A.;  
KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELENTE'YEV,  
A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV,  
E.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.;  
PRONIN, S.F.; PSHENNYY, A.I.; POKROVSKIY, M.I.; RASPONOMAREV, Ye.A.;  
SEMIN, I.N.; SKLYAROV, Yu.N.; TIBABSHEV, A.I.; FARBEROV, Ya.D.;  
YMDOROV, G.P.; SHUL'GIN, Ya.S.; YAKIMOV, I.A.; VERINA, G.P., tekhn.red.

[Labor feats of railway workers; stories about the innovators]  
Trudovye podvigi zheleznyodorozhnikov; rasskazy o novatorakh. Moskva,  
Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)  
(Railroads) (Socialist competition)

ACC NR: AP6034549

SOURCE CODE: UR/0421/66/000/005/0128/0128

AUTHOR: Pavlovskiy, V. V. (Leningrad)

ORG: none

TITLE: Determining the location of critical cross sections in turbulent axisymmetric jets of incompressible fluid discharging into the concurrent flow of the same fluid

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 5, 1966, 126-128

TOPIC TAGS: jet flow, turbulent ~~axisymmetric~~ jet, turbulent flow, flow transition, incompressible fluid, ~~etc~~ fluid flow, laminar flow

ABSTRACT: An analysis is presented of the characteristics of a turbulent axisymmetric jet of incompressible fluid issuing into a concurrent flow of the same liquid. The following formula is derived for determining the location (x coordinate) of the cross section at which a transition from turbulent to laminar jet flow takes place:

$$x_c = \frac{(1 - \lambda)^2}{105 \lambda c^2} s^2$$

Card 1/2

ACC NR: AP6034549

where  $\lambda = U_0/U_1$ ;  $U_0$  = velocity of concurrent flow;  $U_1$  = jet exit velocity;  $c^2$  = dimensionless constant;  $\epsilon' = R_0/R_*$ ;  $R_*$  = critical Reynolds number;  $R_0$  = Reynolds number based on jet exit parameters; and  $x_*$  = ratio of the  $x$ -coordinate to the exit nozzle diameter. The calculations show that in a majority of the practical cases the critical cross section is located at long distances from the jet nozzle exit, while at small values of  $\epsilon'$  (on the order of ten) the critical cross section is located at relatively short distances from the exit. Some calculation results are shown in Table 1.

Table 1. Values of  $x_*$  for  $c^2 = 0.0067$  and various values of  $\lambda$  and  $\epsilon'$ .

$\lambda$	$\epsilon'=5$	$\epsilon'=10$	$\epsilon'=50$	$\epsilon'=100$	$\epsilon'=500$
0.2	570	$4.6 \cdot 10^3$	$5.7 \cdot 10^3$	$4.6 \cdot 10^4$	$5.7 \cdot 10^4$
0.4	160	$1.28 \cdot 10^3$	$1.6 \cdot 10^4$	$1.28 \cdot 10^4$	$1.6 \cdot 10^5$
0.6	47	380	$4.7 \cdot 10^3$	$2.8 \cdot 10^4$	$4.7 \cdot 10^4$
0.8	9	71	$8.9 \cdot 10^3$	$7.1 \cdot 10^4$	$8.9 \cdot 10^4$

Orig. art. has: 6 formulas and 1 table.

[WA-68]

SUB CODE: 2D/ SUBM DATE: 26Apr66/ ORIG REF: 004

Card 2/2

ALEKSANDROV, Konstantin Borisovich, kand.tekhn.nauk, dotsent; NOVIKOV,  
Mikhail Nikolayevich; PAVLOVSKIY, Vladislav Vital'yevich,  
assistant

Overvoltage on the main collector of the N60 electric locomotive.  
Izv.vys.ucheb.zav.; elektromekh. 6 no.2:217-223 '63.

(MIRA 16:4)

1. Kafedra teoreticheskikh osnov elektrotehniki Leningradskogo  
instituta inzhenerov zheleznodorozhного transporta (for  
Aleksandrov, Pavlovskiy). 2. Kafedra elektricheskoy tyagi  
Leningradskogo instituta inzhenerov zheleznodorozhного  
transporta (for Novikov).

(Electric locomotives)

ALEKSANDROV, Konstantin Borisovich, kand.tekhn.nauk, dotsent; NOVIKOV,  
Mikhail Nikolayevich, assistant; PAVLOVSKIY, Vladislav Vital'yevich,  
assistant

Experimental study of pulse processes in the traction network of  
the N60 electric locomotive. Izv. vys. ucheb. zav.; elektromekh.  
4 no.12:66-74 -•61. (MIRA 15:1)

1. Kafedra teoreticheskikh osnov elektrotekhniki Leningradskogo  
instituta inzhenerov zheleznodorozhного transporta (for Aleksandrov,  
Pavlovskiy). 2. Kafedra elektricheskoy tyagi Leningradskogo  
instituta inzhenerov zheleznodorozhного transporta (for Novikov).  
(Electric locomotives) (Electric railroads--Current supply)

PAYLOVSKIY, V.Ya.; TSILEVICH, I.Z.; FRABIN, M.D.; KRISHTAPOVICH, P.D.;  
SHAPIRO, Yu.A.; GRIGOR'YEVA, M.G.; RATNOSTINA, Ye.T.; KRETOVA, G.V.

Rolling mill rolls of hypereutectoid chromium-vanadium 90 HLF steel.  
Metallurg 10 no.7:40 Jl '65. (MIRA 18:7)

1. Metallurgicheskiy zavod "Azovstal'".

PAVLOVSKIY, V. I., 1914; Moscow, USSR.

Holding a high position in the Soviet secret service. File no. 9:828-21700.

• Seven "Armenians".

FILIPPOV, I.N.; GUNIN, I.V.; Prinimali uchastiye: DABAGYAN, N.P.; CHETVERIKOV, A.V.; MIROSHNICHENKO, V.G.; FRADIN, M.D.; PAVLOVSKIY, V.Ya.; FIL'CHAKOVA, V.A.; ALEKSANDROVA, L.A.; DUBROVIN, F.S.

Investigating the buckling of webs on lightweight I-beams.  
Stal' 23 no.10:915-918 0 '65. (MIRA 16:11)

1. Ukrainskiy institut metallov. 2. Ukrainskiy institut metallov  
(for Dabagyan, Chetverikov, Miroshnichenko). 3. Zavod "Azovstal'"  
(for Fradin, Pavlovskiy, Fil'chakova, Aleksandrova, Dubrovin).

PAVLOVSKIY, V.Ya.; VALENKO, N.S.; GREVTSOV, M.M.

Experience in adopting the production of lightweight rolled shapes at the "Azovstal'" plant. Stal' 23 no.8:721-723 Ag '63. (MIRA 16:9)

1. Metallurgicheskiy zavod "Azovstal'".  
(Ahdanov--Rolling (Metalwork))

PAVLOVSKIY, V.Ye.

Improving the filtration of the first carbonation juice.  
Sakh. prom. 36 no.7:51-52 J1 '62. (MIRA 17:1)

1. Sakharnyy zavod im. Kuybysheva.

PAVLOVSKIY, V.Ye.

Repairing pipes. Sakh.prom. 27 no.10:35 '53.

(MLRA 6:11)

1. L'govskiy sakharnyy zavod.

(Electric welding) (Pipe)

PAVLOVSKIY, V.Ye.

Eliminating structural defects of B-40 vacuum filters; improved design of a sugar beet pump; elimination of flaws in diffusers manufactured by the Karlovka Machinery Plant. Sakh.prom. no.4: 31-32 Ap '60.  
(MIRA 13:8)

1. L'govskiy sakharnyy zavod.  
(Sugar industry--Equipment and supplies)

PAVLOVSKIY, V.Ye.

Plant practice. Sakh. prom. 31 no. 6:38-39 Je '57.

(MIRA 10:6)

1. L'vovskiy sakharannyy zavod.  
(Sugar industry)

PAVLOVSKIY, V.Ye.

Production practice. Sakh.prom. 33 no.7:35-37 J1 '59.  
(MIRA 12:11)

1. L'govskiy sakharneyy zavod.  
(Sugar machinery)

VOTINTSEV, K.K.; PAVLOVSKIY, V.N., akademik.

Regeneration rate of biogenic elements in the decomposition of dead *Melosira baicalensis* Wisl. Dokl.AN SSSR 92 no.3:667-670 S '53. (MLRA 6:9)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Fiziko-khimicheskiy nauchno-issledovatel'skiy institut pri Irkutskom gosudarstvennom universitete im. A.A.Zhdanova (for Votintsev).

(Baikal Lake--Plankton) (Plankton--Baikal Lake)

GALETSKIY, F.P.; PAVLOVSKIY, Ya.N.

[Properties of storage cells on two-tunnel diodes]  
Issledovanie svoistv zapominaushchikh iacheek na dvukh  
tunel'nykh diodakh. Moskva, In-t tochnoi mekhaniki i  
vychislitel'noi tekhniki AN SSSR, 1964. 84 p.  
(MIRA 18:12)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2

PAVLOVSKIY, Ye. N.

"Poisonous Animals and Their Significance for Man," 1923

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2"

Ye-N  
PAVLOVSKY, and SOKOLOVSKY, A. L.

"Frottin Therapy in Foot-and-Mouth Disease of Cattle". Vestn. sovrem. veterin.,  
1925, No. 7.

PAVLOVSKIY, Yevgeniy Nikanorovich, 1884-

The 1930 Murgeb parasitological expedition of the USSR Academy of Sciences and the  
Turkmen Commissariat of Public Health. Leningrad, Izd. Akademii nauk S.S.R. i Narkomzdrava  
Turkmenii, 1932. 306 p. map. (Akademika nauk SSSR. Trudy Soveta po izucheniiu  
pro vreditel'nykh sil. Seriia turkmenkais no. 2)

PAVLOVSKIY, Ye. N.

"Course on Human Parasitology (With a Study of Carriers of Infection and Invasion)," 2nd edition, 1934, Leningrad-Moscow

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2

FAVLOVSKIY, YE. N.

"The Organism as a Habitat," Priroda, 1, 1934

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2"

PAVLOVSKIY, YE.N. & SHTEYN, A. V.

Eksperimentalnye vliyaniya deystvuyushchikh nachal yadovitykh zhelezi kozhi morskogo okunya (Sebastes norvegiens) na pokrov cheloveka. Sbornik, posvyashchenny dvadtsatiletiyu nauchnoy deyatelnosti prof. Anichkova, 260-270, M<sup>oskva</sup>, '35.

PAVLOVSKIY, YE. N. & sotr

Osnovnye ustanovki v izuchenii glistn'kh toksinov i dannye o vliyanii ekstrakta  
shirokogo lantetsa na izolirovannoye serdtse koshki, sv. "Parazity, perenoschiki i  
yadovitye zhivotnye" 416-425, M, '35

PAVLOVSKIY, YE. N., SHTYVN, A. K. & CLOUP'YEV, N. G.

Eksperimental'noye issledovaniye nad deystviyem slepney na kozhnye polrovy chelovoka,  
sb. "Parazity, perenoschiki i yadovitye zhivotnye", 426-446, M, '35.

PAVLOVSKIY, YE. I. & CHIEYN, A. N.

Eksperimentalnye nad deystviyem yada skolopendry na kozhnye pokrovы cheloveka. Soobshcheniye 2. Meditsinskaya parazitologiya, 4, 1-2, 87-90, '35.

PAVLOVSKIY, YE. N.

Novye ochagi kleshchevogo rekurrensa v SSSR, Severnyy Kavkaz i Zakavkaz'y  
ab. "Patogennye Zhovptnye" 9-22, M., 1936

PAVLOVSKIY, YE. N. & MATEYN, A. K.

Deystviye ukusa Ornithodorus papillipes vo vsekh fazakh ego metamorfozy na pokrovny cheloveka, sb. "Paragennye zhivotnye", 3-96, '36.

PAVLOVSKIY, YE. N. & SHETYN, A. K.

Eksperimental'nye issledovaniya nad deystviyem yada skorpeny i trakhinusa na  
kozhnye pokrov cheloveka, sb. "Parogennye zhivotnye", 351-354, M, '96

PAVLOVSKIY, YE. N. & LTR.

Deystviye ekstrakta tsepenya nevooruzhennogo na izolirovannoye serdtse krolika, sb.  
"Paragennye zhivotnye" 367-380, M, '36.

PAVLOVSKIY, YE. N. AND TETRESHEVA, T. A.

O rasprostranenii nekotorykh krovososushchikh ekterazitov po linii zheleznoy dorogi Arys-  
Emba, Materialy po vreditelyam zhivotnovodstva i faune Kazakhstana, izd., Akad mii nauk  
SSSR, 181-188, L., 1937

PAVLOVSKIY, Ye. N.

Registr spirokheta kleshcheykh shtammov rekurrensa v SSSR i v sopredel'nykh stranakh,  
Trudy otdela parazitologii VIEM, t. III, M-L, 1938 g.

PAVLOVSKIY, Ye. N. and ALYMCV, A.Ya.

O kleshchevom vozratnom tipe v Yuzhot Kirgizii, Trudy ot dela parazitologii VIEM,  
t. III, M-L., 1928 g.

PAVLOVSKIY, Ye. N. and POGREBNA-SMIRNOV, M. V.

O kleshchevom vozratnom tife i ego perenoschike na Zapadnom Pamire, Trudy ot dela  
parazitologii VIEM, t. III, M., -l., 1938

PAVLOVSKIY, Ye. N. and POCHELOVA-SHTROM, N. V.

o kleshchevom vozratchnom tife i ego perenoschike v basseyne Murgaba (Turkmeniya),  
Trudy etc T. III, M-L, '38

PAVLOVSKIY, YE. N. & AIVOV, A. YA.

O kleshchevom vozratnom tife v Zuzhnoy Kurgizii, Trudy otdela parazitologii VIEM,  
t. III, M.-L., 1938

PAVLOVSKIY, E. N., 1946-

"Handbook on parasitology of humans." Izd. AN SSSR, Leningrad.

SO: Collection of Works on Parasitology of Human and Plant Diseases, No. 10. S. Kirovskiy,  
Gosizdat. Keldysh i Sovzdrav, Leningrad, 1955.

PAVLOVSKIY, Ye. N.

"Parasitological Factors for the Existance of Natural Nidii for Severe Encephalitis," Soveshchaniye po parazitologicheskim problemam pri biologicheskem otdele Akad. Nauk v dekabre 1939 g., Tezisy dokladov, 13-16, Moscow-Leningrad, 1939.

"Role of the Parasitological Factor in the Epidemiology of Spring-Summer Encephalitis," 94-95, Moscow 1939. Tezisy dokladov Vsesoyuznov konferentsiy mikrobiologorov, epidemiologiy i infektsionstov.

"Parasitological and Epidemiological Aspects of the Problem of Severe Encephalities Based on Data Collected During the 1937-39 Expedition," 1939. (sdana v pechat)

"Short Notes on Spring-Summer Encephalitis" ~~ИМ ИМЕНИ НАЕМОФИЗАЛАСИ КОНЦИННА~~, with M. B. KROL' & A. A. SMORODINTSEV, 1938-39. (v pechat)

"The Existance of Virus of Spring-Summer Encephalitis in the Tick Naemophysalis Concinna," Programma i texisy mezhkafedral'nykh nauchnykh konferentsiy Voenno-Meditsinskoy Akademii im. Kirova, Leningrad, 1939. (with V. D. SOLOV'YEV)

PAVICSKIY, E. N., 1945-

"Ecological tendency in genetics." Zhurn.-biolog., 6(1);61-74.

SC: Collection of works on Genetics of Agricultural Plants, Ed. by I. V. Klyushina,  
Sosizdat. Khar'kov Lit., 1971, Moscow-Leningrad 1972  
63...  
.30

RAVLOVSKIY, YE. N.

Host

"Circulation of Virus of Spring-Summer Encephalitis in the Tick/*Naemophylalis Concinna*"  
with V. D. SOLOV'YEV, 1938-39. (sdana v pechat')

"Experimental Research on the Circulation of Virus of Spring Encephalitis in the Tick  
Host *Ixodes Persulcatus*," (rukopis), 1938-39 (with V. D. SOLOV'YEV)

"Tick Typhus in Southern Kirgiz," with A. Ya. ALYMOV, v. kn. Voprosy Krayevom parazitole-  
goy, str. 72-97, Moscoe-Leningrad, 1938.

"Nidix of Tick Typhus," Report on parasitological problems submitted to the Biol.  
Dept., Acad. Sci., 29-31, Moscow Leningrad, 1939.

"Resistance of Domestic Swine to Infections by Spirochaeta of Central Asiatic Tick  
Recurrens;" (rukopis') (with A. F. CHESKIS), 1938-39

"Resistance to Infection by Spirochaeta of Tick Recurrens in Central Asia," (rukopis')  
1938-39 (with A. F. CHESKIS)

FAVLOVSKY, E.N.

"The Probable Importance of Birds in the Epidemiology of Tick Encephalitis," Dok. AN,  
28, No. 2, 1940.

Mbr. Acad. Sci. Kirov Military-Medicine Acad. Leningrad. c1940-.

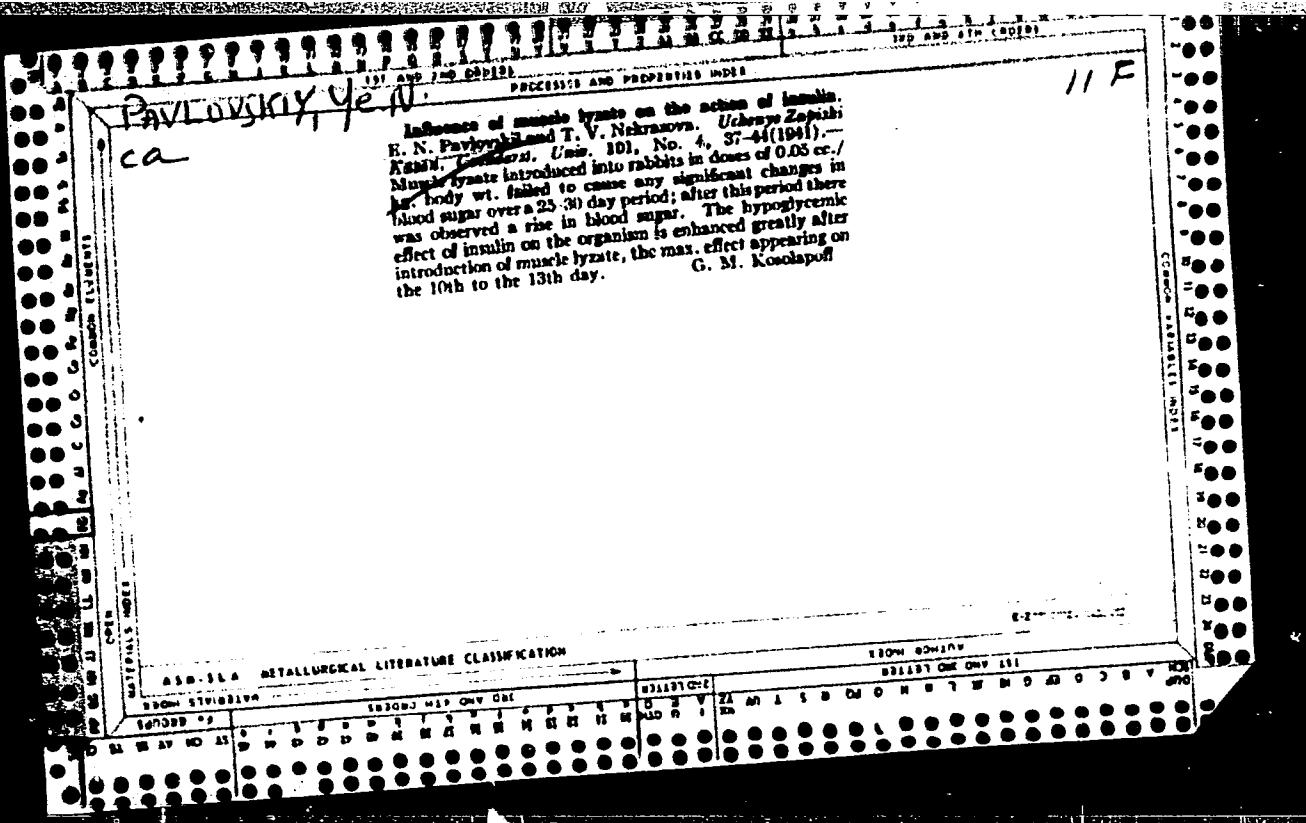
PAVLOVSKIY, Ye. N.

"Short Textbook on the Biology of the Parasites of Man," 1941, Moscow-Leningrad.

PAVLOWSKIY, Ye N

"Aetiology and Treatment of Spring-Summer-Autumn Encephalitis" c1941

DSI 68 Aug 1954



PAVLOVSKIY, E.N.

"Epidemiologic, Parasitologic Expedition in Iran (1941-1943)," (book).  
"Epidemiologic, Parasitologic Expedition in Iran (1941-1943)," (book).

PAVLOVSKY, E.N.

"A Most Simple Method for Destroying Mosquitoes (*phlebotomus*) by Catching Them with  
a Racket in Buildings of European Type (Contribution to the Prophylaxis of Pendinka and  
Papatassi-Fever)," Dok. AN, 37, No. 4, 1942.

2nd Iranian Epidemiological and Parasit. Expedition, c1942-.

PAVLOVSKIY, Ye.N.

"Iodine-ichtyol-glycerin mixture in Wound Treatment"  
SO: Veterinariya, Vol.20, No.3/4, March/April 1943, uncl.

PAVLOVSKY, YE. N.

"Susceptibility of the Domestic Pig to Central Asiatic Tick Relapsing Fever Spirochaete," Dok. AN, 38, No. 1, 1943.

"Susceptibility of the Hen to Central Asiatic Tick Relapsing Fever Spirochaete (Sp. Sogdianum)," Dok. AN, 38, No. 1, 1943. Dept. of Med. Parasitology; A.M. Gorky All-Union Inst. Exptl. Med.; Mbr. Acad. Sci., 1943-.

PAVLOVSKI, E.N.

"Pediculoides Ventricosus in Iran," Dok. AN, 39, No. 5, 1943.

"Dyromys Nitedulus Fall. as a Possible Reservoir of the Virus of Tick Relapsing Fever," Dok. AN, 39, No. 7, 1943.

Mbr., Chair. of Gen. Biol. and Paras. Kirv Military Med. Acad., c1943-49.

PAVLOVSKY, E. V.

E. V. Pavlovsky: "Basic theories on the natural origin of hormones by their own action"  
(n. 2)

SO: Journal of General Physiology Vol. 2, No. 1, 1939

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2

Pavlovsky, E. N.

"E. N. Pavlovsky: Ecological Trend in Parasitology." Received on April 25, 1961. (p. 45)  
See: Journal of General Biology, Vol. VI, contents of the issues 1-4, for 1951. (p. 45)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239710015-2"

PAVLOVSKY, E. N.

"In Memory of V. L. Komarov, Member of the Academy" (p. I-VI)  
by Pavlovsky, E. N. (Member of the Academy, assistant editor)

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XX, No. 3, 1945.

PAVLOVSKIY, Ye. N.

PA 52761

USSR/Medicine - Flies  
Medicine - Environment

Mar 1945

"Draw-wells as Biotope in the Inhabited Iranian Desert," Ye. N. Pavlovskiy, Academician, 10 pp

"Entomologicheskoye Obozreniye" Vol XXVIII, No 3/4

Draw-wells of underground water canals in the zone of cultivated desert is a biotope created by man. About 20 species of insects, mostly Diptera, were taken from 12 draw-wells in March and June.

IC

52761